

Abstract

An MRI apparatus having a configuration that reduces vibration of a static magnetic field generating source is provided. A closed vessel 2 of the static magnetic field generating source is provided with a rigid structure 4 for preventing transmission of vibration generated from a gradient magnetic field generating part 21 to other members via the closed vessel 2. The rigid structure 4 uses, for example, a connecting part 4 that connects a face 25 on the imaging space side and a face 26 confronting it. The rigidity of the closed vessel is thereby increased, and therefore vibration transmitted from the gradient magnetic field generating part can be reduced. The connecting part can have a through-hole structure, and in such a case, internal space of through-hole can be used for drawing cables.